

FOLIO

UNIVERSITY OF ALBERTA
13 DECEMBER 1991



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★
It is
easy to
become so
busy that we
forget to count our
blessings at this special
time of year. In the true
spirit of this season, University
of Alberta staff and students are
taking time to help make the holidays
happier for those less fortunate. ★ The
International Centre's effort takes place at their
Christmas party, 20 December, which will feature
a "KAROLOKE" crooning event where the audience can
contribute money to hear someone sing...or to make
them stop. SANTAS ANONYMOUS will benefit. ★ EDMONTON'S
CHRISTMAS BUREAU receives help this year from *Animal Science*
staff, who'll forward the proceeds of their Christmas party CHARITY
AUCTION. The department challenges all other departments on campus
to top its donation. ★ And on 15 December, a group of staff and students
from Animal Science will be CAROLLING at two nursing homes. ★ Also donating
food for the Bureau's HAMPERS are *Personnel Services and Staff Relations, Nursing,*
Graduate Studies and Research and the Engineering Students' Club. ★ Christmas is for
parties, and what could be better than hosting a festive night for a good cause? More than
600 people attended the SANTA STOMP at Dinwoodie, organized by the *Engineering Students'*
Society. Proceeds went to SANTAS ANONYMOUS and the CHRISTMAS BUREAU. ★ At the *Gateway*, editor
Paul Charest is hoping his head will be shining brightly this Christmas. Charest will assume the sleek
look if the newspaper receives \$1,000 in donations for the Bissell Centre. Word is that as long as his hair
grows back for job interviews in April, he's not worried. ★ The *Law Students' Association* collected more than
300 items for the EDMONTON FOOD BANK at a November BEER BASH. *Dentistry's* SOCIAL 20 December is for the same
cause. ★ Proceeds from the PARTY thrown by *Phi Gamma Delta (Epsilon Alpha Chapter)* go to BIG BROTHERS of
Edmonton. ★ COFFEE FUND MONEY around campus is being put to good use this month. *Sociology* will forego the caffeine
to purchase a gift for SANTAS ANONYMOUS. ★ *The Office of the Comptroller* is also donating their fund to charity, but they haven't
decided where to send it yet. ★ Other groups have decided to give up the traditional office gift exchange. Staff in the *Education*
Library send money to an INNER-CITY SCHOOL for a CHRISTMAS LUNCH. Both *Obstetrics and Gynaecology* and the *Office of Public Affairs*
contribute to WIN HOUSE. ★ *Student Legal Services* contributes year-round to WIN HOUSE and the WOMEN'S EMERGENCY ACTION CENTRE.
★ *Building Services* are into their 14th year of preparing 15 FOOD HAMPERS for the SALVATION ARMY. ★ Anyone wishing to donate to SANTAS
ANONYMOUS can drop off a toy at the *University Bookstore* or information centres in SUB, CAB, and HUB. Toy givers this season include *Business,*
Faculté Saint-Jean, Housing and Food Services, Lister Hall, Materials Management, Chemical Engineering Club, Mechanical Engineering Club, the Office of the
Registrar, and the International Centre. ★ The *Agriculture Club* donated \$1,000 to the BATTERED WOMEN'S SHELTER for gifts and clothing for the children.
★ The EDMONTON FOOD BANK and the newly established GRADUATE STUDENTS' ASSOCIATION FOOD BANK are attracting many contributions. ★ See page 2.

*The Office of Public Affairs
wishes the best of the season to
these and any other generous-
spirited departments and offices
who may have been overlooked.*



Merry Christmas

Food Bank contributors

★ Exercise enthusiasts participated in *Campus Recreation's* "TIN-MINUTE WORKOUT" for the EDMONTON FOOD BANK, in which they went through the rigors of a fitness class holding cans of food. They then left the cans behind before heading to the showers. ★ The University's new food bank, run by the Graduate Students' Association, was given a boost with a \$1,000 donation from the *Students' Union*. Volunteers run the food bank from the GSA office, where food items are coming and going at a rapid pace, says Vice-President (External) Joe Sheridan. ★ Contributors to the University food bank include the *Aboriginal Student Council, Animal Science, Anthropology, Art and Design, Athletics, Botany, Business, Chemical Engineering, Civil Engineering, Classics, Office of the Comptroller, Computing Science, Dentistry, Drama, Economics, Education Library, Electrical Engineering, English, Entomology, Forest Science, Garneau and HUB residences, Genetics, Geography, Geology, Graduate Studies and Research, Housing and Food Services, Lister Hall Students' Association, Materials Management, Mathematics, Mechanical Engineering, Medicine, Microbiology, Music, Non-Academic Staff Association, Nursing, Obstetrics and Gynaecology, Personnel Services and Staff Relations, Physical Plant, Printing Services, Psychiatry, Psychology, Office of the Registrar, Rehabilitation Medicine, Sociology, Technical Services, and Zoology.*



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University
of
Alberta

U of A signs its first research affiliation agreement with a private company

Also furthers relationship with TR Labs

The Industrial Research Affiliation Agreement between the University of Alberta and SynPhar Laboratories is of the ground-breaking variety. The signing, on 3 December, marked the first time that the University, a public institution, has struck an arrangement with a private company.

Commenting on the agreement, President Paul Davenport pointed out that while the University has—or is about to have—affiliation agreements with all of its wholly owned, not-for-profit research centres and institutes, this is the first to involve a for-profit research and development company.

There are very few such arrangements in Canada, largely because the work of private firms with balance sheets and bottom lines doesn't often jibe with academic research and publishing, SynPhar President Ron Micetich said. The agreement consolidates an unofficial arrangement the two parties have had, he added. Since opening in 1987, SynPhar has had access to the Library and computing facilities on campus; the affiliation agreement specifically provides for the funding by SynPhar of both faculty and graduate students at the University.

Dr Micetich anticipates that the Faculties of Pharmacy and Pharmaceutical Sciences, Medicine, and Business, and the Departments of Chemistry, Microbiology and Computing Science will account for most of the University representation. No Faculty or department is excluded from the agreement, however.

...the affiliation agreement specifically provides for the funding by SynPhar of both faculty and graduate students at the University.

"Universities have found technology transfer difficult and it's important to recognize our successes when they occur," President Davenport said. "We think this agreement can serve as a model for others we might conclude."

SynPhar (it's a combination of the words "Synthetic" and "Pharmaceutical") was the first-ever Canadian-Japanese pharmaceutical venture; it was the first pharmaceutical

research and development firm in western Canada; and it was the first overseas research company associated with Taiho Pharmaceutical Company Ltd of Tokyo. Taiho Pharmaceutical, a co-founder of SynPhar, is one of Japan's leading pharmaceutical firms with more than 2,000 employees and annual sales exceeding \$650 million Canadian. SynPhar is the North American centre of Taiho's worldwide network.

Hard on the heels of the signing with SynPhar, the University renewed its agreement with TR Labs (Telecommunications Research Laboratories), formerly ARTC (Alberta Telecommunications Centre). TR Labs actively supports both U of A faculty and graduate students, primarily in Electrical Engineering disciplines. Faculty and graduate students work at TR Labs facilities in the city, as well as on campus. Along with Bell Northern Research and NSERC, TR Labs supports an NSERC Industrial Research Chair in Fibre Communications at the University.

Established in 1986, ARTC was wholly owned by the University of Alberta and was incorporated as a not-for-profit research consortium bringing together University, Government and Industry. ARTC, in fact, was the first such consortium in Canada for telecommunications research. Its initial partners were Bell Northern Research, the Government of Alberta, and the University of Alberta.

In the last five years, ARTC became affiliated with more industrial partners, for example, AGT (now Telus), ED TEL, LSI Logic and NovaTel, and entered into agreements with the University of Calgary and the Government of Saskatchewan, respectively.

ARTC became TR Labs in 1991; the firm now belongs to two industrial research consortia—the Solid State Optoelectronic Consortium and Vision 2000. Membership in these consortia has given TR Labs access to more than 30 additional corporations and their research activities.

President Davenport said the relationship between TR Labs, the Government of Alberta, and private industry has served as an ideal model for other research and development consortia involving the University, its spinoff companies, and industry.



Presidents Micetich (centre) and Davenport sign the research affiliation agreement. SynPhar lawyer Ron Odynski is on the left.

U of A observes anniversary of Montreal Massacre

Last Friday campuses across the country marked the anniversary of the 6 December 1989 killing of 14 women at Ecole Polytechnique, Université de Montréal, by Marc Lepine.

Here at the University of Alberta, students and staff gathered at noon in the Tory-Business Gallery to listen to songs, poetry and remarks. A wreath was laid by the Engineering Undergraduate Society—Fenna Wieseahn expressed hope that all possible lessons that could have been learned from the tragedy have been learned—and a moment of silence was observed.

At the Board of Governors meeting the same day, Mary Lobay led Governors in a moment's reflection to observe and remember the tragic events of two years ago. Lobay said, "We, as leaders in our community, must do everything we can to stop this senseless kind of violence against women and, indeed, other human beings."

Tenure must be preserved, President tells GFC

Restructuring will continue to occur in an environment where tenure is protected, President Paul Davenport said at the November meeting of General Faculties Council.

"If you're going to honour tenure and if nonetheless for the good of the University you find that a unit needs to be closed, then the only choice, it seems to me, is reassignment," he said, in responding to questions raised by Academic Staff Association President Jim Marino.

He acknowledged that the recently released report on Canadian university education takes a different view on the issue. In fact, the report's author, Stuart Smith, advocated that while tenure should be maintained in the sense of continuing employment, it should be defined to allow for dismissals with compensation when departments are closed or downsizing occurs.

"My one caution would be that I hope we don't ever get into a situation where we are prevented from considering structural changes because we are unable or unwilling to deal with the staffing implications that follow," the President said.

Dr Marino said, "My concern is that we have as much interpretation and structure in place as a practice so that whenever we move forward with other selective academic cuts, those people involved are assured in advance that there is a procedure in place to take care of these matters." Those procedures should not be specific to disciplines, he said.

"That would do a good deal to relieve the extreme reorganization anxiety and to ease the process of reassignment," Dr Marino said. It has to be made clear to Deans and Chairs of the receiving Faculties and departments that the people in units being downsized or eliminated are in no way being reassigned because of any kind of incompetence.

Dr Marino said it might be difficult for academics whose units have been downsized or eliminated to retain the research and graduate teaching that otherwise might be there. The fear that these faculty members would retire or leave, or that some related research facilities may be closed as a result of downsizing or eliminating units may in fact discourage graduate students from starting programs.



Minister Responsible for the Status of Women Mary Collins

Universities can help combat violence against women, Collins says

Minister Responsible for the Status of Women touring campuses

of equality which circumscribes women's participation in society," the Minister said.

Canada, she said, is still a society in which more than half the women are afraid to walk along the streets of their neighbourhoods after dark; one in 10 women is abused by her male partner; and forced intercourse during a date is thought acceptable by many high school students of both sexes. A recent brief by the Canadian Federation of Students pointed out that university campuses hold some of these same threats for women.

Collins deplored demeaning initiation rights on campuses, posters advocating violence against women as the price for not showing up at campus social functions and a "no means no" date rape campaign that was met with counter-slogans of "no means tie her up" and "no means kick her in the teeth".

"You probably read *Maclean's* a couple of months ago when they did that assessment of universities across the country. I think there was one thing they missed. [They could have asked] How women-friendly are universities? For example, that question would encompass a whole range of issues—how women students feel about the university, the employment of women faculty members and the steps universities take to combat sexism and sexual harassment on campuses."

The Minister said she was hopeful that the Canadian Federation of University Women, now conducting a survey asking some of these

questions, would come up with a better assessment of how Canadian universities fare.

She said it's not all bleak. University faculty, students and administrations are now coming together to do something about a situation that "really undermines everything we believe a university should be."

Collins cited the statement on sexual harassment issued by the Association of Atlantic Universities in April: Sexual harassment destroys the trust and security fundamental to an environment that guarantees the liberty to enjoy university life and the opportunity to study and work without hindrance. "Once you've removed trust and security, liberty, life and opportunity, there isn't really much left, is there?"

The Minister said the replacement of demeaning initiation rites with education and information programs on gender relations during orientation weeks on campuses across the country is an example of what can be done.

She said the work being conducted by the Canadian Panel on Violence Against Women and the three Family Violence and Violence Against Women Research Centres, which will be established at universities and funded by the federal government, will provide some answers. But governments can't do it all, she insisted. Much of the work will have to be done at the community and campus level.

Violence against women inhibits women's ability to be equal, says the Federal Minister Responsible for the Status of Women. And the 6 December 1989 killing of 14 young women transformed Canada in many ways.

"It was not dismissed as it might have been 10 years ago as simply the act of a deranged man," Mary Collins told staff and students 4 December. "Canadians are beginning to recognize that violence against women is the symptom of something very wrong in our society."

"For women, especially, the murders at Université de Montréal were an extreme example of the violence, harassment and denial

University proposing single Support Services Fee for students

The University is proposing to establish a single exempt fee, a Support Services Fee, which would be set at \$95 per term for 1992-93. The student fee would replace four existing fees, the Athletics Fee, Health Services Fee, Student Services Fee and Graduate Student Registration Fee, as well as providing for some administrative processing support.

According to Lois Stanford, Vice-President (Student and Academic Services), the graduate students' registration fee would be eliminated and both undergraduate and graduate full-time students would pay a Support Services Fee of \$95. Currently, students pay \$31 per term for the Athletics Fee, \$12 for the Health Services Fee, and \$17 for the Students Services Fee. Graduate students pay an additional \$35 Registration Fee.

Student leaders, who met recently with President Paul Davenport and Vice-President Stanford to discuss the proposals, have criticized the proposed fee, saying it means increased costs for students, but guarantees no commensurate increase in services. The fee is exempt from the ministerial limits placed on tuition fees, under the provincial government's new tuition fee policy.

Dr Stanford explained that increases in the Support Services Fee would be approved each year by the Board of Governors and would be no more than one-third the allowable increase in fees for instruction. Therefore, if in 1993-94 the allowable increase in tuition fees was \$210 for a two-term session, or \$105 per term, the maximum increase in the fee would be \$35 per term.

She also said that even if the new fee is approved, the University of Alberta would still be below the level at most Canadian universities, including UBC and the University of Toronto.

The University is also proposing that the fee revenue be transferred to the general operating or capital budgets, determined by the Board; in any year those revenues would be no greater than the net expenditures from the operating and capital budgets for the services associated with the Support Services Fee.

"The way the proposal exists right now, we're not very happy with it," said Students' Union President Marc Dumouchel. "We won't see any commensurate level of service for the fee increases or an improvement of services. We find that frustrating. The University needs money. That's the bottom line, but I can't sell this proposal the way it is now."

"In the new year, we'll be coming up with a discussion paper and some recommendations," he said, indicating the SU would likely seek legal advice to determine whether the proposed fee is legitimate and not subject to the ministerial limits on tuition fee increases.

Dr Stanford welcomes the involvement of the students. "One of their recommendations which we intend to pursue is a more consultative process in arriving at decisions about the services offered to support students' academic careers. We want their ideas and suggestions and realize the importance of the information they supply."

Dr Stanford said, "What the proposed fee is doing is asking students to take responsibility for a larger part of the cost of their education."

But, she pointed out, during the past two years the University has transferred \$100,000 from central funds to a bursary fund and emergency loan program for needy students, administered by the Financial Aid Office. "We hope to increase the amount of that transfer substantially in 1992-93. Our intention, for example, is to transfer \$100,000 per year for each of the next five years from undesignated gifts to the University, as well as making permanent the current \$100,000 transfer from central funds, which over the past two years has been treated as a one-time, nonrecurrent, expenditure."

"We are committed to continuing the outstanding services to students such as the Student Counselling Service, Career and Placement Services, Office of Disabled Students, the STAR report, and the new Financial Aid Office in SUB, not to mention access to the Van Vliet Centre and intramural athletics programs, and the subsidization of prescriptions through the University Health Service. We care about the health and wellness of our students. We care about services that enable them to take full advantage of their University academic experience."

The University is proposing to provide an annual account of the revenues from the Support Services Fee and the costs of the associated services.

Dumouchel said by putting it under one rubric "it muddies the water and confuses what we're [students] actually paying for." The SU President said there would be lots of leeway in the future to include additional services in the fee, and he questioned whether students should have to pay for core academic services such as the administration of student records.

GFC briefs

RESTRUCTURING WILL BE DONE IN FAIR, OPEN WAY, PRESIDENT SAYS

The process for restructuring set out in what's come to be known as the February document is a fair one and will allow the Vice-President (Academic) to get advice before he makes any formal proposals, President Paul Davenport said at the General Faculties Council meeting 25 November.

"I think the process is a fair process. Any formal proposals will be treated in the same, open manner as we did last year, with plenty of opportunity to comment on them." Proposals that need formal approval from GFC will come before this body and members can vote yes or no.

Vice-President (Academic) John McDonald said the restructuring committee, an advisory body, has yet to give him advice. "While the committee is beginning to look at a number of the issues contained in section 5 of the [Maintaining Excellence] document, it will not be giving me advice on a large number of changes all at one time. We see it as more of an ongoing process."

BERTIE SAYS IT MAY BE FUN TO BASH GOVERNMENT, BUT LIKELY UNPRODUCTIVE

Commenting on the President's 1990-91 annual report, section 3, devoted to community relations, tabled and discussed at the GFC meeting, John Bertie (Chemistry) said, "It's a lot of fun to slam the government, but the question you have to ask yourself is, are you out to convince them or are you out to embarrass them?" If it's the latter, the University can expect very little progress, he said.

EQUITY STATEMENT WILL BE INCLUDED IN CALENDAR

GFC gave its approval to the inclusion in the Calendar of a statement on equity in student affairs. The statement, put forward by Vice-President (Student and Academic Services) Lois Stanford, says the University acknowledges the diversity of Canadian society and encourages applications for admission from all qualified persons, including aboriginal peoples, persons with disabilities, visible minorities and women.

A motion to exclude the statement's third paragraph was defeated. That paragraph includes the University's acknowledgment that it recognizes the province's *Individual's Rights Protection Act* and agrees to abide by it when considering students' admission, promotion and graduation. The paragraph also includes this sentence: "Of its own volition the U of A does not discriminate on the basis of sexual orientation."

Subject to the limits in the Act, the U of A affirms its right to determine the criteria by which applicants are accepted into the University community.

BOARD REPORTS SALARY SETTLEMENT WITH NASA

The Board of Governors written report informed GFC members that the Board had reached a memorandum of agreement with the Non-Academic Staff Association. The agreement provides for a four percent salary increase effective 1 April 1991.

GFC APPROVES AGENDA STRUCTURE CHANGES

GFC approved changes to the order in which it conducts its business. Agendas will be structured in three general categories: Section A will include standing items, section B will include action/legislative items and section C will include reports. Council passed an amendment to move the question period, originally proposed to be in section C, to section A.



Einer Boberg. The Killam Annual Professorship runs from 1 July 1991 to 30 June 1992.

Killam Professor helps stutterers gain new self-image

In applying for an application for a 1991 Killam Annual Professorship, Einer Boberg had little difficulty outlining how his work has contributed to the community beyond the University.

Dr Boberg started intensive summer clinics for stutterers in 1972 and their success attracted stutterers from throughout Canada and several other countries. The three-week clinics were held in the University of Alberta Hospitals and eventually outgrew the assigned space and resources. Dr Boberg, with assistance from the Alberta and National Elks Associations, responded by founding the Institute for Stuttering Treatment and Research, a nonprofit agency affiliated with the University.

"Since 1972 we have treated over 600 stutterers: children who can now attend school without fear of cruel teasing; adults who can seek an appropriate vocation and enjoy a normal social life freed from the silent agony of stuttering," says the Professor of Speech Pathology and Audiology.

Looking at the help it gives clients, the training of speech pathology students, the numerous times it has been featured in media reports and the involvement of the thousands of Elks members in Alberta and across the country, Dr Boberg estimates that the Institute affects the lives of around 125,000 stutterers in Canada, their families and friends, and the community at large.

One of the courses he teaches to third-year students is on the nature and treatment of stuttering. "My objective," he says, "is to help them understand the trauma of being unable to talk normally in a highly verbal world and how they can help to reduce the frustration and agony of stutterers." A measure of his success is that more than 80 percent of last year's class requested the clinical practicum offered at the Stuttering Institute.

Dr Boberg was born in Drumheller and is a graduate of the University of Iowa and of the University of Minnesota. He came to the U of A in 1971 from the Division of Communication Disorders at the University of Wisconsin. For five months in 1990 he was Visiting Professor at Kuwait University. Earlier this year, Dr Boberg was elected president of the fledgling International Fluency Association.

Ed note: Articles on the other Killam Professors—Ronna Fay Jacqueline Jevne, Jacob Masliyah, Rowland McMaster, Gordon Rostoker, Michael Stiles and Larry Wang—will be published next month.

Circumpolar Institute getting set to respond to the 'new' north

Looking to establish partnerships

Edmonton has grown complacent about its role in the north, while at the same time northerners have begun to recognize that there are other communities that could legitimately become "gateways" to the north. Furthermore, says Canadian Circumpolar Institute (CCI) Director Cliff Hickey, the University of Alberta is seen as a major player in the north, but if it doesn't work at it, it could well lose that distinction.

Bob Mahnic, CCI's Director of Communications and Development, says the north is like a large laboratory to many U of A researchers, "and if we don't spend enough time there, we'll lose touch very quickly." And that's one reason why CCI's main thrust in the coming years will be to establish partnerships with other players in the north.

According to Mahnic and Dr Hickey, the now defunct Boreal Institute for Northern Studies was primarily an in-house organization. The CCI's communications strategy and efforts to develop lasting relationships with external groups and organizations "is what distinguishes us from the old Boreal," says Dr Hickey, adding that CCI is attempting to establish relations with businesses, co-management boards, governments and native groups.

"A lot of these relationships had never been formed before. The Boreal had very few, so we're starting at square one," says Mahnic.

Dr Hickey points out that it's a tough climate out there. Groups and organizations are examining their roles and abilities, and looking for their particular niches. And that's where partnerships come in, he says. CCI wants to determine where the University's pure and applied expertise is needed. "There are also a lot of problems out there and they're not sure how to solve them."

Both acknowledge that it's going to be tough to raise external funding. "The University's in a bad way and everyone's going to have to make do with less. Where we're likely to raise money is through these partnerships," says Dr Hickey.

Changes within the University—the reorganization of the Boreal Institute and the creation of CCI—coincide with big changes in

the north. Land claims are being settled, others are soon to be settled and, as a result, native organizations, governments and businesses are going to be charged with new responsibilities. They're going to require expertise, Dr Hickey points out. And a great deal of that expertise can be found within the U of A. Local governments, charged with more responsibilities, will be looking to create new relationships, adds Mahnic.

But it won't be a case of simply walking in and saying, 'Here we are, we can help you.' Dr Hickey says the north is maturing to the point where people may recognize they don't have the expertise and will want to call in southern expertise. However, those people will have to be much more sensitive to this northern maturity. "We can be more proactive and ask, 'Hey, can we play a role? You tell us what you want from us,'" Dr Hickey explains.

...the U of A has to realize that northern students may not simply want to get off the plane in Edmonton to pursue their studies.

Mahnic points out that the Yukon and Arctic Colleges are providing more opportunities for northerners to educate themselves. Moreover, says Dr Hickey, northerners are realizing they now have many more educational opportunities open to them—and the U of A has to realize that northern students may not simply want to get off the plane in Edmonton to pursue their studies.

"We [at the University] may think we've got the formula; however, that may not be in the best interests of northerners," Dr Hickey explains. Late in the year, the Association of Canadian Universities for Northern Studies passed a motion that could eventually lead to a degree or diploma program in northern studies being offered (it would include a year-long practicum in the north). That is a nontraditional way of thinking, says Dr Hickey, but it may indicate that universities are going to have

to start thinking in terms of partnerships and consortia to offer innovative ways of delivering educational programs.

A year after the Boreal Institute was reorganized and the CCI emerged from the ashes, the University's commitment to northern research remains largely intact. Dr Hickey says he's pleased that the reorganization turned out as well as it did.

"The biggest cutback was in the area of office administration. We downsized in that area dramatically, so we simply can't offer the same level of service to adjunct professors, for example. Many services are now offered on a cost-recovery basis." According to a recent report to the Planning and Priorities Committee on the CCI, \$222,006 was saved on the base budget after a year's operation.

The Canadian Circumpolar Library, now located in the basement of Cameron Library, has been maintained as a separate collection in the Science and Technology Division. According to Dr Hickey, initial space and lighting problems have been solved and the new, central location has meant an increase in usage of five times what it once was.

However, as a result of this scaling back of resources, conferences, workshops and research programs will have to be much more internally driven, says Mahnic. Northernists on campus will be expected to bring together their ideas and resources and CCI will play much more of a supportive role in helping things happen. Programs will be developed that are in keeping with the scale of the institution.

Externally, the reorganization of the Boreal has gained the University a lot of respect, says Mahnic, who bases his views on discussions with the business community.

The trick now is for CCI to develop solid relationships with external organizations and businesses at a time when budgets are shrinking and taxes are increasing. "It won't make our job any easier," says Mahnic.

ACROSS CANADA

UBC TOP RECIPIENT OF NSERC GRANTS

The University of British Columbia got the largest slice of the Natural Sciences and Engineering Research Council's strategic grants pie. NSERC awarded UBC more than \$3.15 million, accounting for almost 10 percent of the total money awarded for 1991-92.

U OF T MOVES TO REPLACE DEAN OF MEDICINE

The University of Toronto will name an acting dean of the Faculty of Medicine before the end of the year. The move follows tumultuous events which saw 79 Faculty support staff laid off and then reinstated. Criticism was levelled at Dean John Dirks, who resigned, and central administrators for the way in which the layoffs were handled. The decision to lay off the employees was found to contravene the university's policies.

DESMARAIS GIVES TO OTTAWA'S VISION CAMPAIGN

Power Corporation CEO Paul Desmarais has pledged \$1 million to the University of Ottawa's VISION campaign. The prominent alumnus is also the honorary chair of the university's fundraising campaign. To date, more than \$14 million has been raised; the target is \$34 million.

FORD FOUNDATION GIVES TO WESTERN ONTARIO

The Ford Foundation of New York City has given the University of Western Ontario's Centre for the Study of International Economic Relations \$143,060 to establish a trade policy modelling lab. More than \$300,000 was given to both Western and the U of T to support their joint project dealing with trade policy. The two universities are in prestigious company, since the Foundation's Competition on International Centres in International Economics and Economic Development gave money to only five other universities: University of California, Massachusetts Institute of Technology, University of Michigan, Princeton University and Yale University.

CURRENTS

FIRST EVENT IN DENTISTRY'S 75TH ANNIVERSARY CELEBRATIONS GOES 10 JANUARY

The Faculty of Dentistry will celebrate its 75th anniversary in 1992. The first of the many events planned is a banner-hanging ceremony in the main foyer of the Dentistry-Pharmacy Building. This will take place 10 January at noon.

'ARCTIC LIFESTYLES AND WINTER SURVIVAL'

The Canadian Circumpolar Institute and the Faculty of Home Economics are offering a weekend course called "Arctic Lifestyles and Winter Survival." The course, scheduled for 17 to 19 January at Meanook Biological Research Station, is designed to provide northern travellers with skills necessary for survival in winter/arctic conditions. The fee is \$80 per person and registration is limited to 25 people. For more information, call Kathleen Gibson (492-5497), Jill Oakes (492-3653) or Rick Riewe (492-1799).

New board member says setting high standards crucial for U of A

Bob Rosen, who was recently appointed to the Board of Governors, asked a young man who was looking for a part-time job recently what it takes to be good salesperson? "He said, 'Well, I don't know.' So I asked him what it takes to be a good citizen."

He responded that a person should be honest, polite, considerate, listen to others, work hard and have personal high standards. "To do anything in life today, you have to have those values," says the President and CEO of City Lumber Corporation. "That's what we have to teach in universities—to set good values and live by them. And we have to set very high standards at universities."

Moreover, people within universities have to be honest with themselves and determine where the institution's strengths and weaknesses are, says Rosen—a man who set high standards for himself when he was an undergraduate at this University in the 1960s.

The recipient of one of the U of A's most prestigious awards, the Gold Ring Award, says his alma mater can't make decisions entirely independently and it can't close the door to reality. "It's important that the University listen to the marketplace and actively pursue input from its clients," Rosen adds that the world has changed dramatically in the last 10 years and the University has to respond to those changes.

But while the University has to become more sensitive to the needs of the community, Rosen cautions that it has to remain a place

where creative thought can take place. "So the debate today is really about balance."

The Chair of the Edmonton Economic Development Authority says he's pleased the University is embarking on a strategic planning process. He says it will be important to let the broader community participate in the process. "The University is still considered a fortress to some degree," he says. But at the end of the process, the University should be able to say where it thinks it should be heading.

On the teaching-research balance, Rosen says it's Board members' responsibility to explain to the broader public the importance of research. He sees tremendous potential for more industry-University links in research, particularly in the environmental areas as they relate to oil and gas, forestry and agricultural development.

The University also has its work cut out for it in the area of alumni relations, he says. "It's critical the University have friends and supporters and that it develop a more comfortable relationship with the citizens of the city."

Citing the recent, successful fundraising campaign by the University of British Columbia, Rosen says we have to ask ourselves how they succeeded. He echoes what other Board members and Senators say—the University is going to have to become more heavily dependent on private sources of funding.

Another challenge facing the University in a time when federal and provincial funding is in decline, is to convince the public that there are other options besides attending university



Bob Rosen: hoping to build bridges.

to meet students' educational needs. "Clearly, everybody can't go to university," he says, adding that community colleges and technical schools are viable options for many high school students.

Moreover, there will have to be a critical examination of the entire university system in the province, to determine whether there is unnecessary duplication. That will be a difficult task, he says, but one that will have to be done in this time of declining budgets.

Rosen sees his primary responsibility as one of building bridges between the University and the citizens of the province. That will be vital to the University's and the province's long-term health.

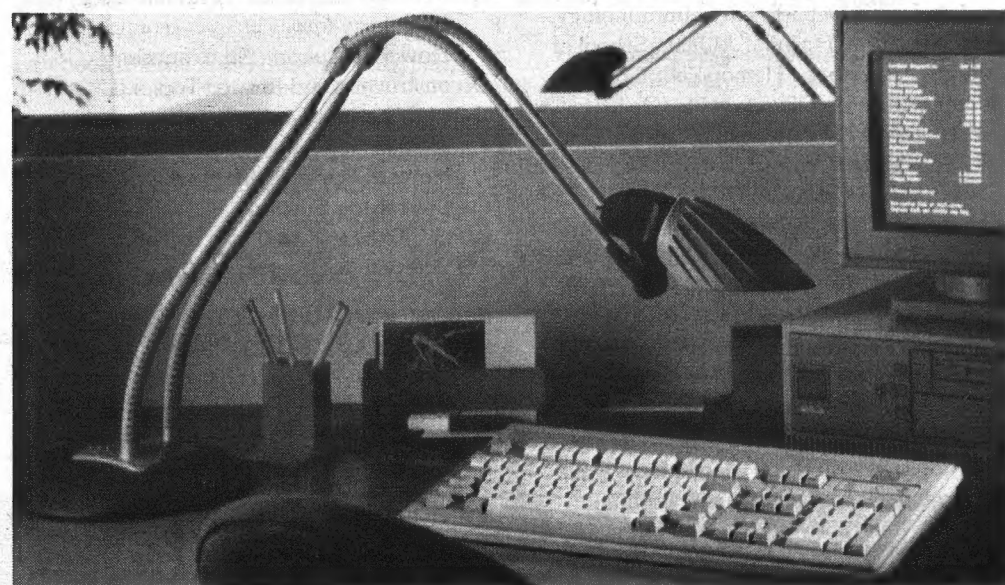
The 11th Annual Folio List

- **UFE Sighting of the Year:** National five-year Uniform Final Examination average pass percentages compiled by the Institute of Chartered Accountants of Alberta showed the University of Alberta, with 510 candidates and a pass percentage of 71 percent, at the top of the list.
- **Comeback of the Year:** the Golden Bears football team.
- **If the (square-toed) shoe fits ... At Celebrity Kickoff,** held in conjunction with the United Way Campaign, Paul Davenport recorded a 58-yard boot, only two yards less than former pro kicker Dave Cutler's best.
- **Architects of the Year:** The peregrine falcons that nested on the Clinical Sciences Building.
- **Surprise Visitor of the Year:** Mila Mulroney (at Faculté Saint-Jean).
- **Surprise Retirement of the Year:** Ace basketball player Rick Stanley, who felt he wasn't doing justice to his studies.
- **Surprise Question of the Year** (as posed to Public Affairs): What kind of oil should I put in my car?
- **Niftiest Definition:** An economist is someone who has never seen a real person but once had one described to him.
- **Simile of the Year:** Controlling academics is like herding cats.
- **Runnerup:** Asking universities to prove their contributions to society is like asking a church to post a salvation rate.
- **Groaner of the Year:** "He's the father of the bossa nova" was how Lovern Plitt (Mining, Metallurgical and Petroleum Engineering) referred to Stanley Blair, whose son Bob was then CEO of the Nova Corporation.
- **Lecture Title of the Year:** "The Seventeenth Century Virginal: For Virgins Only."

WISHES FOR 1992

- More people enjoy winter because of the Canadian Cold Buster.
- The Universities Foundations Act is of immense benefit.
- CANARIE soars (the Canadian Network for Advanced Research, Industry and Education has the potential to link university, industry and government researchers from coast to coast).
- SLRT lessens traffic congestion around campus.
- Funding allows for art as well as graphics in University Station.
- The University (and others) continues to, as Stuart Smith observed in *Maclean's*, make "exciting" progress in adjusting curricula to meet the changing needs of students.
- Adminglish, haven of the "five-words-for-one" principle, is sent packing. (Yes, we realize this is a tall order.)
- There's no need for food banks here or elsewhere.

Challenging the imagination a constant in Industrial Design program



This lamp design by Stephen Copeland, a graduate of the Industrial Design program who's now working in New York, has been cited internationally.

store and the Faculty of Home Economics, another example, Professor Bentz points out, of "making connections with other disciplines and resource people who can provide technical information relating to a project."

Building signage standards around campus were designed by former Industrial Design student Greg Kasa, and a graduate student is currently working on a device that can strengthen deteriorating leg muscles. Robert Lederer is working with the Glen Sather Sports Medicine Clinic, trying to develop good design that could be made for less and that satisfies all of the physiotherapeutic requirements of such equipment.

The recent exhibition called "Results" helped show that the 21 graduates represented had innate talent, honed it in the classroom and the Industrial Design Studio and are now putting it to good use in industry, government agencies, universities and research organizations or as freelance designers. Product design, vehicular design, electronic design, and large equipment design were prominent at the exhibition, however, graduates also work in the areas of two-dimensional design, display and interior design, design management, marketing, computer-based activities such as software design and desk top publishing, and in education and research.

In essence, they develop concepts and produce working designs which, after testing, are then manufactured by the company.

design within our Industrial Design program." Throughout the three years of that program, Professor Bentz and two other staff members (one sessional, one technician) involve students in "practical, real-life projects as well as things that challenge the imagination in a more conceptual way."

An ongoing aim of the instructors is to assign projects that allow students to make personal discoveries and exercise their imaginations. Within the total context of the program, three main areas are evaluated: creativity, methodology and technical skills.

Another of this year's projects (see cats' beer-opening mechanisms, page 6) is the design of mannequins for the University Bookstore. "It seems to me to be a reasonable extension of our normal concerns in the furniture design course, says Professor Bentz. Art and Design is collaborating with the Book-

There are many definitions of the term "industrial design." At this University, it's regarded as the creative activity which incorporates innovations into a product so that it better meets the needs of the user. It (industrial design) is concerned with products in which function, form, aesthetics, and ergonomics and other human factors play a significant role.

For students to take that definition and run with it, Industrial Design Program Coordinator Bruce Bentz believes they should be: open to possibilities, unsystematic in their thinking, have good imaginations and problem-solving capabilities, be communicative and willing to work with others, and have a social conscience.

"With incoming students [about 30 are accepted at the start of each year], it's not as though they're red-hot and we merely stoke the coal," he says. "Rather, they learn how to

CORRECTION

A notice in the 29 November *Folio* attributed sponsorship of a colloquium on staffing the University of Alberta in the 1990s to the Academic Staff Association. The University itself is also a sponsor of the 17 December colloquium.



Andrew Fulcher (left) and Yariy Malanczyc put their simple mechanism to the test. Missing from the photo is the third member of the team, Susan Schultz.

Faculty of Extension moving to permanent home

Even though it's winter and the to and fro-ing will take nine days, Faculty of Extension staff will maintain a sunny disposition. After all, the 11 through 20 December move is a short distance haul—Students' Union Building to 83 Avenue and 112 Street—and the destination is one that has the approval of all concerned.

The new University Extension Centre is a seven-storey facility that houses the Faculty's classrooms, administrative offices and several of its program offices. (Extension has space on five floors of the centre; the rest has been leased out by the University.)

Val Smyth, the Faculty's space planning coordinator, says the intent all along has been to design a building that's accessible and responsive to the needs of adult learners—from the provision of parking and services to the design of classrooms and common areas. The 17 classrooms are carpeted, and in place of small desks with writing tablets, there are tables and chairs.

Student lounge areas provide a place to meet together or relax during breaks. A three-level parking garage is located under the centre. The building also contains all of the Faculty's art studios and a small display area where the work of students and instructors will be showcased year-round.

The administrative offices of all but five of Extension's programs are to be found here. The Office of Special Sessions, Government Studies, the Women's Program and Resource Centre, the Legal Resource Centre and the Downtown Microcomputer Centre will stay in their current locations on and off campus.

While the classrooms (which seat from 16 to 50) will be used during the day and evening, the majority of the Faculty's evening courses will continue to be conducted in other buildings across campus.

The Faculty's central information line (492-3116) will serve as a message centre throughout the move. This service may be interrupted for one hour (8:30-9:30 am) on Monday, 16 December.

The official opening of the University Extension Centre will take place in early April.

VIEWS ON CHILD CARE BEING SOLICITED

The Council on Student Life is examining child care services available to University of Alberta students.

The recently established Child Care Task Force is attempting to determine the specific types and features of child care services that student-parents feel are necessary in order to maintain a quality of family life that's compatible with student life.

The task force is inviting people on campus to prepare and present briefs, detailing their opinions, recommendations and experiences, but people do not necessarily have to do so in writing. Meetings will be held 29 January, 26 February, 25 March and 29 April.

For more information, call Susan Elliott at the Office of the Dean of Student Services, 492-4145, as early as possible to schedule a presentation. More information can be obtained from Genevieve Johnson, committee chair, 492-7515.



"The Journal's" Bill Cameron puts his best foot forward for the taping (in Rutherford South) of a two-part series on Senate reform.

Designing a simple mechanism for the party animal a provocative project

Could it be that as soon as the household empties for the evening the cats put down their copies of TS Eliot's *Old Possum's Book of Practical Cats* and get funky? Do they become party animals that can outgrin Lewis Carroll's Cheshire Cat?

Jurgen Gothe, the weekday host of CBC's "Disc Drive," muses about "animareal" dimensions and visualizes his cats turning into veritable cutups in his absence. He doesn't talk about snacks (maybe they whip up a tuna surprise) but a certain amount of cold bottled beer is opened and fuels the caterwauling.

Industrial Design Professor Bruce Bentz, a "Disc Drive" listener, took his cue from the show and asked his students to design a "simple mechanism for the party animal." Mechanisms is an area of considerable importance to the industrial designer and an area almost everyone has some degree of difficulty dealing with, he says. The challenge he issued was to design a beer bottle opener for cats, bearing in mind that they, like humans, shouldn't drink alone.

"So, the mechanism you design and construct will be able to open two bottles of beer sequentially," he informed his class. "This will be a requirement. The sequence will be timed at an interval of at least ten seconds. The continuous action of the mechanism (complex) must accommodate activation by the average cat."

Teams of three students, working in collaboration and using mainly found objects (one design cost all of \$10.75 including the beer), spent about three weeks trying to purrfect bottle opening systems in which at least three simple mechanisms must be combined to collectively function in sequence to open each bottle of beer.

A bit of tinkering remains to be done and cats have yet to set foot in the Industrial Design Studio but when *Folio* visited it last week there was one elaborate, sudsy surprise after another. "Octabbyfest," for example, has everything from a ticket window, where the bottle opening sequence is activated, to oompahpah music.)

More than one New Year's Eve party could be a howling success.

TALKS

ALBERTA HERITAGE FOUNDATION FOR MEDICAL RESEARCH

13 December, 4 pm

Paula Traktman, associate professor, Department of Cell Biology and Anatomy, Cornell University Medical College, "Molecular Genetics of Vaccinia Virus DNA Replication." 4-70 Medical Sciences Building.

16 December, 3 pm

Wieslaw Wiktor-Jedrzejczak, professor and chairman, Department of Immunology, Central Clinical Hospital, Military School of Medicine, Warsaw, "Hemopoietic Growth Factor Deficiency Disease in Op/Op Mice." Host: Clinical Hematology. 2F1.04 Mackenzie Health Sciences Centre.

17 December, 9 am

Patrick Choy, Department of Biochemistry and Molecular Biology, University of Manitoba, "Coordination of Phospholipid Biosynthesis in Mammalian Tissues." Host: Lipid and Lipoprotein Research Group. 207 Heritage Medical Research Building.

17 December, 11 am

Wieslaw Wiktor-Jedrzejczak, "The Op/Op Mouse as a Model of Macrophage Deficiency." 8-66 Medical Sciences Building.

CANADIAN MEDITERRANEAN INSTITUTE

9 January, 7:30 pm

G Hoye and J Rossitter, "Exploring the Suburbs of Carthage." Archives Room, Provincial Museum.

ENGLISH

13 December, 12:30 pm

Sara Munson Deats, University of South Florida and Vice-President of the Marlowe Society of America, "The Villain as Playwright in Marlowe's *The Jew of Malta*." 4-29 Humanities Centre.

7 January, 3:30 pm

Howard Felperin, New York University, "Bardolatry Then and Now." 5-20 Humanities Centre.

8 January, 4 pm

Howard Felperin, "Shakespeare, Deconstruction and Related Topics I." 4-20 Humanities Centre.

9 January, 3:30 pm

Howard Felperin, "The Theatricality of History: I Henry IV." 5-20 Humanities Centre.

14 January, 3:30 pm

Howard Felperin, "Deconstructing Shakespeare's Sonnet 116." 5-20 Humanities Centre.

15 January, 4 pm

Howard Felperin, "Shakespeare, Deconstruction and Related Topics II." 5-20 Humanities Centre.

16 January, 3:30 pm

Howard Felperin, "Political Criticism at the Crossroads: Towards a Utopian Hermeneutics." To be followed by a reception. 5-20 Humanities Centre.

INTERDISCIPLINARY LECTURE SERIES IN CULTURAL STUDIES

13 January, 4:30 pm

Susan Smith, "Health and History: Good Intentions and Bad Blood in Alabama." L-3 Humanities Centre.

JOINT-CLINICAL ETHICS SEMINAR


17 December, 12:30 pm

Janie Lindsay, Dawna Gilchrist and Georgeann Szala, "Patient Restraint: Who Are We Protecting?" Bernard Snell Hall, Mackenzie Health Sciences Centre.

SOIL SCIENCE

19 December, 12:30 pm

Roger Andreiuk, "Conservation Tillage Effects on Selected Soil Properties of Gray Luvisolic Soil in the Peace River Region." 2-36 Earth Sciences Building.

 This symbol denotes environmentally related seminars/events. If you wish to have an environmentally related event listed in this way, please contact: The Environmental Research and Studies Centre, 492-6659.

UCS UNATTENDED HOLIDAY HOURS

University Computing Systems asks the campus community to note the following times and dates when UCS-supported computer operating systems will be available on an unattended basis only. Unattended status means that users can log on and work on the central computers, but there will be no mounting of tapes, no output delivery, nor any other services available at the General Services Building Computer Centre. The unattended times during the holidays are:

Christmas - unattended from 4:30 pm on 24 December to 7 am on 28 December.

New Year's - unattended from 4:30 pm on 31 December to 7 am on 2 January.

Also, the MTS system will be unavailable on Saturday, 21 December, and Sunday, 22 December, due to a major upgrade to the file system.

Concerns/questions about these matters should be directed to the UCS Manager of Operations at 492-2889.

HOWARD FELPERIN: EFF DISTINGUISHED VISITOR

Howard Felperin of New York University will be a Distinguished Visitor at the University of Alberta from 6 to 17 January.

Dr Felperin holds degrees in English from Columbia and Harvard Universities. He has held positions at Yale University, the University of Melbourne, and Macquarie University, New South Wales. He has been a Visiting Professor at the University of California at Santa Barbara and Essex University, and an invited speaker at conferences throughout the world. He is the author or editor of five books and numerous articles on Renaissance literature, especially Shakespeare, and critical theory. His books include *Beyond Deconstruction* (Oxford, 1985) and *The Uses of the Canon* (Oxford, 1990). He is currently at work on a sixth book titled *A New History of Shakespeare Criticism*.

During his visit to campus, Dr Felperin will present four lectures and two seminars, which are listed in the "Talks" section of this issue. There will be a wine and cheese reception after the 16 January lecture, which is at 3:30 pm in 5-20 Humanities Centre.

Dr Felperin can be reached at the Department of English by calling the main office at 492-3258.

This visit is made possible by the Endowment Fund for the Future Distinguished Visitors Program.

POSITIONS

The University of Alberta is committed to the principle of equity in employment. The University encourages applications from aboriginal persons, disabled persons, members of visible minorities and women.

SUPPORT STAFF

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall, telephone 492-5201. Due to publication lead time and the fact that positions are filled on an ongoing basis, these vacancies cannot be guaranteed beyond 13 December 1991. For a more up-to-date listing, please consult the weekly Employment Opportunities Bulletin and/or the postings in PSSR.

Positions available as of 13 December 1991.

The limited number of vacancies is a result of the current Support Staff hiring freeze.

Applications for regular operating budget funded University positions (both full-time and part-time) are initially restricted to current bargaining unit employees. This is due to the current hiring freeze. Applications may be accepted from external applicants for some positions after internal staffing has been explored.

The salary rates for the following positions reflect adjustments in accordance with the terms for the implementation of the Pay Equity Program.

PUBLIC RELATIONS/PUBLICATIONS CLERK (Grade 4) (Part-Time), Office of Public Affairs, (\$1,274 - \$1,570) (prorated)

CLERK STENO (Grade 4) (Part-time Recurring), Food Science, (\$1,456 - \$1,794) (prorated)

SECRETARY (Grade 5), Environmental Research and Studies Centre, (\$1,855 - \$2,298)

SECRETARY (Grade 7), Educational Psychology, (\$2,210 - \$2,769)

OFFICE SERVICES SENIOR CLERK (Grade 7), Office of the Comptroller (Payroll), (\$2,210 - \$2,769)

LABORATORY ASSISTANT (Grade 2), Provincial Laboratory, (\$1,418 - \$1,747)

DENTAL TECHNICIAN (Grade 10), Restorative Dentistry, (\$2,783 - \$3,549)

The following positions retain salary rates in accordance with the previous classification system and pay plan.

SECRETARY (Trust/Term to 31 August 1992), Faculty of Medicine, (\$1,744 - \$2,228)

LABORATORY ASSISTANT I (Part-time/Trust/Hourly), Immunology, (\$8.62/hour - \$10.67/hour)

TECHNICIAN (Trust/Term), Medicine, (\$1,808 - \$2,324)

PROGRAMMER ANALYST II (Trust/Term), Computing Science, (\$2,639 - \$3,429)

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RENT - Glenora, newly painted two bedroom bungalow, available immediately. Double garage, four appliances, \$1,000. 454-6292.

RENT - Bungalow for responsible tenant with references. \$775 plus utilities, 436-3340.

RENT - To mature couple, west end ravine bungalow, 1 January - 15 April. Twelve minutes from University. Moderate rent/ utilities, 483-8678.

RENT - Semi-furnished three bedroom, energy-efficient home on seven acres near North Cooking Lake. Secluded setting amongst spruce trees. Garage/workshop. References, \$925/negotiable. Call John, (604) 433-8190 evenings.

SALE - House, two acres, near University of Manitoba. Three bedrooms, garage, sun room. Modern, secluded, quiet. Freeway access. \$110,000. 461-2935 (Edmonton).

RENT - Two bedroom apartment, close to University. Available 1 January, \$550/month, call 463-1601.

RENT - Close to University, spacious three bedroom house. Two patio doors, double garage, \$695. 438-0213.

SALE - Riverbend, 2,500', two storey, four bedrooms plus den, large pie lot. Quiet crescent, vendor agent. Carole-Anne Brown, Spencer Realty, 435-0808.

RENT - Adjacent to golf course. Large executive home, front drive garage, four bedrooms plus loft. Furnished/unfurnished, 1 January, one year. Rent \$1,500/month. Western Relocation, 434-4629.

RENT - Borden Park area, three bedrooms, two baths. Access downtown/University. One block river valley. Six month/one year lease. Six appliances, galley kitchen, garage. \$900/month. Western Relocation, 434-4629.

ACCOMMODATIONS WANTED

ACCOMMODATION REQUIRED - January-June for visiting scientist with family. Two bedroom home/suite, 429-1253.

VISITING PROFESSOR (with wife and child) requires furnished accommodation, 1 January - 1 May 1992. Willing to housesit. Contact Jean/Janet, Slavic Department, 492-3273.

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EVENTS

EXHIBITIONS

BRUCE PEEL SPECIAL COLLECTIONS

Until 21 February

"Twilight of the Raj"—an exhibition of books on the British in India with some letters to Lord Curzon. B7 Rutherford South. Hours: Monday and Friday, 8:30 am to 4:30 pm; Tuesday to Thursday, 8:30 am to 6 pm; Saturday, noon to 5 pm; Sunday, closed.

FAB GALLERY

Until 15 December

"Keith Rose, Recent Paintings"—final visual presentation in partial fulfilment of the requirements for MVA. Gallery hours: Tuesday to Friday, 10 am to 5 pm; Sunday, 2 to 5 pm; Saturday, Monday and statutory holidays, closed. 1-1 Fine Arts Building.

MCMULLEN GALLERY

Until 27 January

"Sand, Fire and Light"—an exhibition, curated by E Ross Bradley, of work by contemporary Albertan glass artists John Norton, Helen Kovacs, Mark Gibeau, Lorie Hedemark and Barbara Pierce. Gallery hours: Monday to Friday, 10 am to 4 pm; Saturday and Sunday, 1 to 4 pm (subject to availability of volunteers). Information: 492-8428, 492-4211. Walter C Mackenzie Health Sciences Centre.



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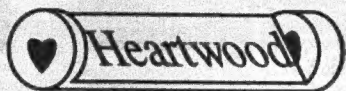
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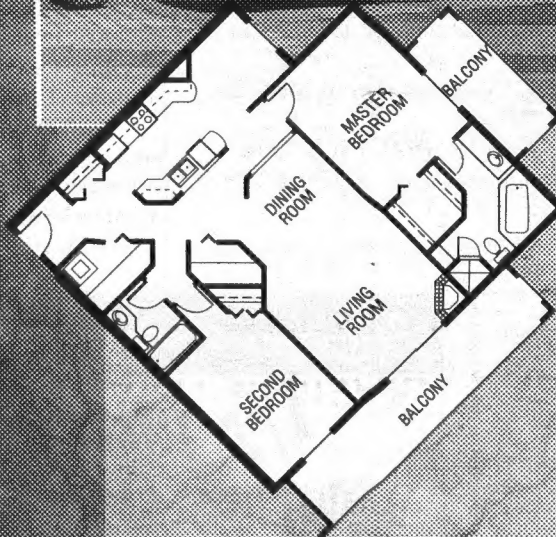
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CHRISTMAS PUBLISHING SCHEDULE

Folio will not publish 20 and
27 December and 3 January 1992.

The first issue of the new year will appear
10 January.